

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Wilganowski et al.

Application No.: 10/091,628

Filed: March 6, 2002

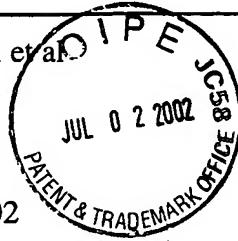
Group Art Unit: 1635

Title: Novel Human Transporter Proteins and  
Polynucleotides Encoding the Same

Examiner: Not Yet Assigned

Attorney Docket No.: LEX-0314-USA

Assistant Commissioner for Patents  
Arlington, VA 22202  
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Dear Sir:

This Information Disclosure Statement is submitted:

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(Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)

under 37 CFR 1.97(c) together with either a:

Certification under 37 CFR 1.97(e), or  
 a \$240.00 fee under 37 CFR 1.17(p), or

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Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

The Commissioner is hereby authorized to charge any additional fee required or credit any overpayment for this Information Disclosure Statement to Lexicon Genetics Deposit Account No. 50-0892. A copy of this sheet is enclosed.

It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

June 28, 2002  
Date

*Lance K. Ishimoto by David W. Ishimoto* DAVID W. ISHIMOTO  
Reg. No. 41,866

LEXICON GENETICS INCORPORATED  
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PTO/SB/21 (08-00)

Approval for use through 10/31/2002. OMB 0651-0031

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| <b>TRANSMITTAL FORM</b><br><i>(to be used for all correspondence after final filing date)</i> |   | Application Number     | 10/091,628       |
|   |   | Filing Date            | Mar 6, 2002      |
|   |   | First Named Inventor   | Wilganowski      |
|   |   | Group Art Unit         | 1635             |
|   |   | Examiner Name          | Not Yet Assigned |
| Total Number of Pages in This Submission  | 8 | Attorney Docket Number | LEX-0314-USA     |

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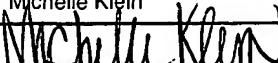
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| Firm or Individual name | Lexicon Genetics Incorporated<br><br>Lance K. Ishimoto Reg. No. 41,866                                     |  |
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| Application Number   | 10/091,628       |
| Filing Date          | Mar 6, 2002      |
| First Named Inventor | Wilganowski      |
| Group Art Unit       | 1635             |
| Examiner Name        | Not Yet Assigned |

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## JUL 12 2002 U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | U.S. Patent Document |                                   | Name of Patentee or Applicant of Cited Document | Date of Publication of cited Document MM-DD-YYYY | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|----------------------|-----------------------------------|---|--|---|
|                    |                       | Number               | Kind Code <sup>2</sup> (if known) |   |  |   |
| AA                 | 4,215,051             | Schroeder et al      |                                   |   | 07/29/80   |   |
| AB                 | 4,376,110             | David et al          |                                   |   | 03/08/83   |   |
| AC                 | 4,594,595             | Struckman            |                                   |   | 06/10/86   |   |
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| AE                 | 4,689,405             | Frank et al          |                                   |   | 08/25/87   |   |
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| AW                 | 6,110,490             | Thierry              |                                   |   | 08/29/00   |   |
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| AY                 | 6,150,584             | Kucherlapati et al.  |                                   |   | 11/21/00   |   |
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|  |   | <b>Filing Date</b>          | Mar 6, 2002                         |
|  |   | <b>First Named Inventor</b> | Wilganowski                         |
|  |   | <b>Group Art Unit</b>       | 1635                                |
|  |   | <b>Examiner Name</b>        | Not Yet Assigned                    |
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|   | AZ                    | Bird et al, 1988, "Single-Chain Antigen-Binding Proteins", Science 242:423-426.   |
|   | BA                    | Bitter et al, 1987, "Expression and Secretion Vectors for Yeast", Methods in Enzymology 153:516-544.  |
|   | BB                    | Colbere-Garapin et al, 1981, "A New Dominant Hybrid Selective Marker for Higher Eukaryotic Cells", J. Mol. Biol. 150:1-14.  |
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|   | BF                    | Greenspan et al, 1993, "Idiotypes: structure and immunogenicity", FASEB Journal 7:437-444.  |
|   | BG                    | Gu et al, 1994, "Deletion of a DNA Polymerase β Gene Segment in T Cells Using Cell Type-Specific Gene Targeting", Science 265:103-106.  |
|   | BH                    | Huse et al, 1989, "Generation of a Large Combinatorial Library of the Immunoglobulin Repertoire in Phage Lambda", Science 246:1275-1281.  |
|   | BI                    | Huston et al, 1988, "Protein engineering of antibody binding sites: Recovery of specific activity in an anti-digoxin single-chain Fv analogue produced in Escherichia coli", Proc. Natl. Acad. Sci. USA 85:5879-5883.   |
|   | BJ                    | Inoue et al, 1987, "Sequence-dependent hydrolysis of RNA using modified oligonucleotide splints and R Nase H", FEBS Letters 215(2):327-330.   |
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|   | BL                    | Inouye & Inouye, 1985, "Up-promoter mutations in the lpp gene of Escherichia coli", Nucleic Acids Research 13(9):3101-3110.   |
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|   | BY                    | Ruther et al, 1983, "Easy identification of cDNA clones", EMBO Journal 2(10):1791-1794.   |
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|   | CA                    | Sarin et al, 1988, "Inhibition of acquired immunodeficiency syndrome virus by oligodeoxynucleoside methylphosphonates", Proc. Natl. Acad. Sci. USA 85:7448-7451.  |
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|   | CE                    | Takeda et al, 1985, "Construction of chimaeric processed immunoglobulin genes containing mouse variable and human constant region sequences", Nature 314:452-454.   |
|   | CF                    | Thompson et al, 1989, "Germ Line Transmission and Expression of a Corrected HPRT Gene Produced by Gene Targeting in Embryonic Stem Cells", Cell 56:313-321.   |
|   | CG                    | Van Der Putten et al, 1985, "Efficient insertion of genes into the mouse germ line via retroviral vectors", Proc. Natl. Acad. Sci. USA 82:6148-6152.  |
|   | CH                    | Van Heeke et al, 1989, "Expression of Human Asparagine Synthetase in Escherichia coli", J. Biol. Chemistry 264(10):5503-5509.   |
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|   | CJ                    | Wigler et al, 1977, "Transfer of Purified Herpes Virus Thymidine Kinase Gene to Cultured Mouse Cells", Cell 11:223-232.   |
|   | CK                    | Wigler et al, 1980, "Transformation of mammalian cells with an amplifiable dominant-acting gene", Proc. Natl. Acad. Sci. USA 77(6):3567-3570.   |
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